

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Express Mail No.: EL649158601US
Date of Deposit: 19 March 2004

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): David M. RUE et al.

For: METHOD AND APPARATUS FOR MEASURING THE HEATING VALUE OF A SINGLE OR MULTI-COMPONENT FUEL GAS

Enclosed are:

- ☒ Twelve (12) pages of specification, four (4) pages of claims (Claims 1-20), one (1) page of Abstract, and two (2) sheets of drawings (Figs. 1-2).
- ☒ Executed combined Oath or Declaration, Power of Attorney and Petition.
- ☒ Certificate of Mailing by Express Mail.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
- ☒ Recordation Form Cover Sheet, in duplicate, together with executed Assignment Document.
- ☒ Information Disclosure Statement, together with Form PTO-1449 (1 page) and with a copy of each and every cited reference.
- ☒ Return Receipt Postcard.

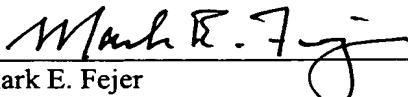
The filing fee has been calculated as shown below:

The filing fee has been reduced to \$385 for small entities.

COL. 1			COL. 2	SMALL ENTITY		LARGE ENTITY		
FOR:	NO. FILED		NO. EXTRA	RATE	FEE	OR	RATE	FEE
BASIC FEE					\$385	OR		\$770
TOTAL CLAIMS	20	less 20	0	X 09 =	0	OR	X 18 =	
INDEPENDENT CLAIMS	2	less 3	0	X 43 =	0	OR	X 86 =	
MULTIPLE DEPENDENT CLAIMS PRESENTED				+145 =		OR	+290 =	
* IF THE DIFFERENCE IN COL. 1 IS LESS THAN ZERO, ENTER "0" IN COL. 2				TOTAL	\$385	OR	TOTAL	

- ☒ Please charge my Account No. 502045 in the amount of (\$385.00). A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 502045. A duplicate copy of this sheet is enclosed.
 - ☒ Any additional filing fees required under 37 CFR 1.16.
 - ☐ Any patent application processing fees under 37 CFR 1.17.

Gas Technology Institute
1700 South Mount Prospect Road
Des Plaines, Illinois 60018
Phone (847) 768-0832
Fax (847) 768-0802


Mark E. Fejer
Registration No. 34,817

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David M. RUE
John Charles WAGNER
Serguei ZELEPOUGA

Title: METHOD AND APPARATUS FOR MEASURING
THE HEATING VALUE OF A SINGLE OR
MULTI-COMPONENT FUEL GAS

Express Mail No.: EL649158601US

Date of Deposit: 19 March 2004

CERTIFICATE OF MAILING BY EXPRESS MAIL

Mail Stop PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

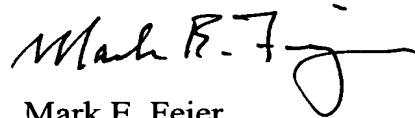
I hereby certify that the subject patent application is being deposited with the United States Postal Service as Express Mail Post Office to Addressee No. EL649158601US, on 19 March 2004, and is addressed to Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, together with the items listed below.

- Transmittal Letter, in duplicate

Express Mail No.: EL649158601US

- Twelve (12) pages of specification, four (4) pages of claims (Claims 1-20), one (1) page of Abstract, and two (2) sheets of drawings (Figs. 1-2)
- Executed combined Oath or Declaration, Power of Attorney and Petition
- Information Disclosure Statement, together with Form PTO-1449, one (1) page, and with copies of each and every cited reference
- One (1) Recordation Form Cover Sheet, in duplicate, together with executed Assignment Document
- Return Receipt Postcard

Respectfully submitted,



Mark E. Fejer
Regis. No. 34,817

Gas Technology Institute
1700 South Mount Prospect Road
Des Plaines, Illinois 60018
TEL (847) 768-0832; FAX (847) 768-0802